



Telecommunication
Development Bureau (BDT)



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Geneva, 14 August 2025

National Regulatory Authorities in
ASEAN Member States (Brunei
Darussalam, Cambodia, Indonesia, Laos,
Malaysia, Philippines, Singapore,
Thailand, Vietnam) and Timor Leste

Subject: Invitation to the ITU Regional Training on Digital Transformation Regulation for ASEAN and Timor Leste, 30 September – 2 October 2025

Dear Madam/Sir,

I am pleased to invite you to participate in the **ITU Regional Training on Digital Transformation Regulation for ASEAN Member States and Timor Leste**, organized by the Telecommunication Development Bureau (BDT) of the International Telecommunication Union (ITU) with the support of the United Kingdom Foreign, Commonwealth & Development Office, the Ministry of Science and ICT (MSIT) of the Republic of Korea and the Ministry of Communication and Digital Affairs of Indonesia.

This in-person, three-day training will be held in Jakarta, Indonesia, from **30 September to 2 October 2025**. The training aims to:

- Build capacity and provide technical support for policymakers and regulators in the areas of digital regulation and emerging technologies;
- Explore key aspects of digital transformation policies and regulatory approaches to deepen understanding of current issues; and
- Share insights into the latest regulatory developments, global trends, and transformative technologies such as AI, big data, and blockchain.

The training course is intended for intermediate to senior-level staff from ICT policymaking bodies and regulatory authorities in the ASEAN region and Timor-Leste. Participation is limited to a maximum of 45 individuals. Each country may nominate up to three (3) participants for the training.

Comprehensive information about the training, including objectives, structure, and eligibility criteria, can be found in the course outline, available for download from the ITU Academy portal [here](#).

Fellowship

With the support from the MSIT of the Republic of Korea, ITU is pleased to provide a limited number of fellowships for [eligible countries](#) with priority to Least Developed Countries (LDCs), Landlocked Developing Countries (LLDCs), and Small Island Developing States (SIDS), subject to availability of funds.

The fellowship will cover the air ticket (one return economy class ticket by the most direct/economical route from the country of origin to the meeting venue), and daily subsistence allowance intended to cover accommodation, meals and incidental expenses. Member States shall cover the remainder of the cost of participation.

Fellowship applications can be submitted online [here](#), no later than **19 August 2025**. Please note that registration for the event is mandatory to be considered for a fellowship.

Registration

Registration must be completed online through [ITU Academy](#) **no later than 29 August 2025**. Confirmation of selected participants, along with logistical details for the in-person training segment, will be provided by **2 September 2025**. The in-person training will take place at **Hotel Westin in Jakarta, Indonesia**, from **30 September to 2 October 2025**. Participants are expected to cover their own travel and accommodation expenses.

For further information about the course or the training, please contact:

- Ms. Samantha O’Riordan, ITU Senior Project Manager – samantha.oriordan@itu.int
- Ms. Nisa Fachry, ITU FCDO Indonesia Country Focal Point – khairun.fachry@itu.int

I look forward to your active participation in this training.

Yours faithfully,

(Signed)

Cosmas Luckyson Zavazava
Director

Annex 1: Draft Program for ITU Regional Training on Digital Transformation Regulation for ASEAN and Timor Leste

Annex 1

**ITU Regional Training on Digital Transformation Regulation Training
for ASEAN and Timor Leste
30 September – 2 October 2025**

Draft Program

Time	Sessions/Topics covered	Key learning points
Day 1: Tuesday, 30 September 2025		
09h30-10h00	<i>Welcome</i>	Opening and introduction to the training
10h00-11h00	Session 1: Introduction to digital regulation and ITU's regulatory tools and frameworks	This introductory session will provide an overview of digital regulation, collaborative governance and regulatory tools developed by ITU to assist policy makers and regulators in making informed and evidence-based decisions.
11h00-12h30	Session 2: Developing /reviewing a digital transformation strategy	This session examines the necessary steps and essential elements to be considered when developing/reviewing a national digital transformation strategy by examining what needs to be achieved, why it is important, the role of monitoring and evaluation, and how to do it. The purpose of this session is to provide concrete guidance in implementing the 4 phases of the digital transformation development cycle.
14h00-15h00	Session 3: Regulatory governance and evidence-based decision-making	This session examines how the roles of ICT regulatory authorities are shifting in the digital regulatory environment, the importance of objective, transparent, agile and evidence-based decision-making processes, and the importance of data collection and analysis. It will examine mechanisms for intergovernmental collaboration, cross-border collaboration, collaboration in the framework of regional and international organizations and stakeholder engagement to create an enabling digital environment for sustainable development.
15h00-16h00	Session 4: Competition, market analysis and economics	This session will examine how the new digital environment is affecting the structure of communication services markets, creating new market dynamics that require substantially different forms of economic regulation. The session will therefore examine market analysis, dominance determination, obligations and remedies in the digital era looking at different scenarios to assess what needs to be modified or replaced to be effective and relevant in the digital economy.
16h15-17h15	Session 5: Data governance and data protection	This session will outline foundational concepts, frameworks, and practical guidance for strengthening data governance, examining data governance roles and responsibilities, and key data protection principles.
Day 2: Wednesday, 1 October 2025		

Access for all: universal service financing efficiency		
09h00-11h00	Session 6: The Universal access financing toolbox	Public funding is limited and as such must be used strategically in order to achieve broad national objectives to get the desired return on social, economic and financial investment. This session will discuss the roles of public versus private funding in universal access and service, and introduce innovative financing approaches such as blended finance. It will further identify regulatory incentives and financing tools that can be used to reduce costs and risks and to incentivize investment. Breakout/group discussions
11h15-12h15	Session 7: Deep dive into designing, implementing and maintaining impactful universal service programmes	This aspect of the training is focused on productive use of Universal Access and Service funds either through subsidies, grants or self-initiated projects. It will provide a deep dive into grant making and management and assessing needs and selection of target communities for optimal impact. Further discussions will focus around translating identified needs into key elements from project conceptualization, design, implementation, evaluation and reporting. The session will also provide participants with useful knowledge and good procurement practices in the management of universal access and service funds.
14h00-15h15	Session 8: Emerging solutions and approaches to sustainable connectivity and adoption programmes	This session aims to support participants in planning, designing, and assessing inclusive connectivity strategies and programmes. It will use existing public good connectivity programmes as examples and explain the necessary research to design impactful school connectivity projects, how to improve conditions for investment and collaboration, and possible models to sustain and scale initiatives. Emerging solutions and approaches to sustainable connectivity and adoption programmes. Interactive discussion
15h45-17h00	Session 9: Case studies on innovative funds for extending Universal service	This session will examine practical cases of emerging solutions and approaches to sustainable connectivity and adoption programmes, including the use of village funds in Indonesia.
Day 3: Thursday, 2 October 2025 Emerging technologies development for digital transformation		
09h30-12h30	Session 10: Emerging Technologies for Promoting Last Mile Access to ICTs – Part 1. Understanding Emerging Technologies and Their Societal Impact	This session will provide an overview of emerging technologies and discuss their relevance to society's prosperity, job transformation, and the development of new skills 1. Introduction to Emerging Technologies a. Overview of AI, LEO constellation satellites, IoT, Big Data, Cloud Computing, and 5G. b. Brief history and evolution of these technologies. c. Current state and future potential 2. Relevance to Society's Prosperity Enhancing decision-making, predictive analytics, and automation. LEO Satellites: Expanding internet access to remote and underserved areas. a. IoT: Creating smart environments (homes, cities, agriculture). b. Big Data: Informing policy decisions and driving innovation.

		<ul style="list-style-type: none"> c. Cloud Computing: Providing scalable and cost-effective infrastructure. d. Enabling faster, more reliable connectivity, and supporting IoT and AI applications. <p>3. Data governance and emerging technologies</p> <p>The transformative impact of emerging technologies—Artificial Intelligence (AI), the Internet of Things (IoT), and blockchain—on data governance, privacy, and regulatory frameworks, in international and cross-border contexts.</p> <p>Q&A and Discussion: Open floor for participants to ask questions and share thoughts.</p>
14h00 – 15h30	Session 11 - Emerging Technologies for Promoting Last Mile Access to ICTs – Part 2. - Practical Applications and Case Studies	<p>This session will showcase real-world use cases of emerging technologies and discuss their impact on connectivity, education, and digital literacy.</p> <ul style="list-style-type: none"> 1) AI for Identifying Connectivity Gaps <ul style="list-style-type: none"> a. Case studies of AI-driven tools to map and analyze connectivity needs and regional status. b. Use of machine learning models to predict areas lacking ICT infrastructure. c. Implementation examples from different regions. 2) Using Emerging Technologies to connect public institutions (health centres, schools, posts offices, municipalities, etc) and Promoting Digital Literacy <ul style="list-style-type: none"> a. Initiatives leveraging LEO satellites to provide internet access to remote areas b. Use of cloud-based platforms for remote learning. c. AI tools to personalize learning experiences and enhance educational outcomes. d. Programs focused on teaching digital skills and literacy to students and teachers 3) Interactive Group Activity <ul style="list-style-type: none"> a. Divide participants into small groups. b. Assign each group a scenario where they need to apply one or more emerging technologies to solve a connectivity or digital literacy challenge. c. Groups present their solutions to the larger audience. 4) Wrap-Up and Key Takeaways from the session <ul style="list-style-type: none"> a. Summarize the key points discussed throughout the day. b. Highlight the importance of collaboration between governments, private sector, and communities. c. Encourage participants to stay informed and proactive about emerging technologies. 5) Closing thoughts and future steps for continuing education and collaboration.

15h30 - 16h00	Session 11 – Economic and financial aspects of Emerging technologies	This training session focuses on the role of regulatory, economic, and financial measures in enabling the sustainable adoption and deployment of new technologies. It will examine how regulations foster innovation. Participants will also learn about economic incentives, such as subsidies and tax benefits, and financial strategies like funding models and risk management, essential for scaling new technologies. Through case studies and expert insights, the session presents typical practical tools to create enabling environments for sustainable innovations, offering knowledge on strategies to align technology with long-term sustainability goals.
16h00- 16h30	Session 12 – Review of ITU study on the state of Emerging technologies in the ASP region	Overview of strategies and regulatory measures adopted or planned on emerging technologies in the Asia-Pacific Region, comparison with a global perspective
17h00- 17h30	Closing	Final discussion and closing